Contents of Volume 59

No. 1

M.D. McGinn, D. Bean-Knudsen and R.W. Ermel *(U.S.A.)*
Incidence of otitis media in CBA/J and CBA/CaJ mice 1

M. Nomoto *(Japan)*
Enhancement and suppression in the auditory midbrain nucleus (MLD) of the pigeon 7

M. Tachibana, H. Senuma and K. Kumamoto *(Japan)*
Enkephalin-like immunoreactivity in cochlear efferents in the bat, *Rhinolophus ferrumequinn* 14

T. Fukazawa *(Japan)*
Evoked otoacoustic emissions in a nonlinear model of the cochlea 17

S. Aoki and T. Houtgast *(Japan, The Netherlands)*
A precedence effect in the perception of inter-aural cross correlation 25

J. Wang, Q. Li, W. Dong and J. Chen *(China)*
Effects of various noise exposures on endocochlear potentials correlated with cochlear gross responses 31

M.A. Cheatham and P. Dallos *(U.S.A.)*
Physiological correlates of off-frequency listening 39

E. Hashino, Y. Tanaka, R.J. Salvi and M. Sokabe *(U.S.A., Japan)*
Hair cell regeneration in the adult budgerigar after kanamycin ototoxicity 46

P. Avan, D. Loth, C. Menguy and M. Teyssou *(France)*
Hypothetical roles of middle ear muscles in the guinea-pig 59

G. Zucca, M.E., Pérez, L. Botta, R. Vega, P. Valli and E. Soto *(Italy, Mexico)*
Streptomycin blocks the afferent synapse of the isolated semicircular canals of the frog 70

L.P. Rybak, C. Whitworth, A. Weberg and V. Scott *(U.S.A.)*
Effects of organic acids on the edema of the stria vascularis induced by furosemide 75

J.H. Siegel *(U.S.A.)*
Spontaneous synaptic potentials from afferent terminals in the guinea pig cochlea 85

M.L. Wong, J.S. Young, G. Nilaver, J.I. Morton and D.R. Trune *(U.S.A.)*
Cochlear IgG in the C3H/*lpr* autoimmune strain mouse 93

R.R. Fay *(U.S.A.)*
Analytic listening by the goldfish 101

M.W. Kelley, C.K. Ochiai and J.T. Corwin *(U.S.A.)*
Maturation of kinocilia in amphibian hair cells: Growth and shortening related to kinociliary bulb formation 108

No. 2

A. Hara, M. Senarita, M. Komeno and J. Kusakari *(Japan)*
Metallic elements in the perilymph measured with an inductively-coupled plasma atomic emission spectrometer 117

D.D. Greenwood *(Canada)*
Erratum and Comments re: Critical bandwidth and consonance: Their operational definitions in relation to cochlear nonlinearity and combination tones (Hear. Res. 54, 209–246, 1991) 121

G.W. Overbeck and M.W. Church *(USA)*
Effects of tone burst frequency and intensity on the auditory brainstem response (ABR) from albino and pigmented rats 129

H. Versnel, R. Schoonhoven and V.F. Prijs *(The Netherlands)*
Single-fibre and whole-nerve responses to clicks as a function of sound intensity in the guinea pig 138

H. Versnel, V.F. Prijs and R. Schoonhoven *(The Netherlands)*
Round-window recorded potential of single-fibre discharge (unit response) in normal and noise-damaged cochleas 157

E.M. Keithley, A.F. Ryan and M.L. Feldman *(USA)*
Cochlear degeneration in aged rats of four strains 171

J. Hoormann, M. Falkenstein, J. Hohnsbein and L. Blanke *(FRG)*
The human frequency-following response (FFR): Normal variability and relation to the click-evoked brainstem response 179

L.P. Rybak, C. Whitworth and V. Scott *(USA)*
Development of endocochlear potential and compound action potential in the rat 189

C.J. Dechesne, H.N. Kim, T.S. Nowak Jr and R.J. Wenthold *(France, USA)*
Expression of heat shock protein, HSP72, in the guinea pig and rat cochlea after hyperthermia: Immunochemical and in situ hybridization analysis 195

J.M. Sinnott, C.H. Brown and F.E. Brown *(USA)*
Frequency and intensity discrimination in Mongolian gerbils, African monkeys and humans 205

J.A. Kaltenbach, J.M. Czaja and C.R. Kaplan *(USA)*
Changes in the tonotopic map of the dorsal cochlear nucleus following induction of cochlear lesions by exposure to intense sound 213

M. Brown, R.K. Shepherd, W.R. Webster, R.L. Martin and G.M. Clark *(Australia)*
Cochleotopic selectivity of a multichannel scala tympani electrode array using the 2-deoxyglucose technique 224

Y.M. Szymko, P.S. Dimitri and J.C. Saunders *(USA)*
Stiffness of hair bundles in the chick cochlea 241

A.S. Niedzielski, T. Ono and J. Schacht *(USA)*
Cholinergic regulation of the phosphoinositide second messenger system in the guinea pig organ of Corti 250

Contents of Volume 59 255

Author Index 257

Subject Index 259